(Currently Amended) An electro-luminescence display device, 1.

comprising:

a first pixel cell displaying a first color;

a second pixel cell displaying a second color;

a first driving circuit having a terminal thereof connected to a power supply

line, said first driving circuit receiving a first driving voltage and applying a first

driving current from said power supply line to the first pixel cell based on the first

driving voltage; and

a second driving circuit having a terminal thereof connected to the power

supply line, said second driving circuit receiving a second driving voltage and

applying a second driving current from said power supply line to the second pixel

cell based on the second driving voltage,

wherein:

the first and second driving voltages are equal, and the values of

the first and second driving currents are determined based on an electrical

characteristic of an electro-luminescence diode provided in each of the first and

second pixels of said electro-luminescence display device, respectively, whereby the

first and second pixel cells are independently driven.

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(Original) The device of claim 1, wherein the first driving circuit and the 2.

second driving circuit have a different structure.

3. (Currently Amended) The device of claim 2, wherein:

the first driving circuit comprises a first transistor having a first channel

width and a first channel length, the first channel width to the first channel length

forming a first ratio; and

the second driving circuit comprises a second transistor having a second

channel width and a second channel length, the second channel width to the second

channel length forming a second ratio, the first and second ratios being different.

4. (Original) The device of claim 3, wherein the first pixel cell is a R pixel

cell and the second pixel cell is a B pixel cell, and the first ratio is greater than the

second ratio.

(Original) The device of claim 3, wherein the first pixel cell is a R pixel 5.

cell, and the second pixel cell is a G pixel cell, and the first ratio is greater than the

second ratio.

6. (Original) The device of claim 3, wherein the first pixel cell is a B pixel

cell, and the second pixel cell is a G pixel cell.

(Original) The device of claim 1, wherein the first pixel cell is a R pixel 7. cell and the second pixel cell is a B pixel cell, and first driving current is greater than the second driving current.

- (Original) The device of claim 1, wherein the first pixel cell is a R pixel 8. cell and the second pixel cell is a G pixel cell, and the first driving current is greater than the second driving current.
- 9. (Original) The device of claim 1, wherein the first pixel cell is a B pixel cell and a second pixel cell is a G pixel cell, and the first driving current is greater than the second driving current.
 - (Previously Presented) The device of claim 1, further comprising: 10. a third pixel cell displaying a third color; and

a third driving circuit receiving a third driving voltage and applying a third driving current to the third pixel cell based on the third driving voltage,

wherein the first, second and third driving voltages are equal, and the first, second and third driving currents are different, whereby the first, second and third pixel cells are independently driven.

11. (Original) The device of claim 10, wherein the first, second and third driving circuits have a different structure, respectively.

(Currently Amended) The device of claim 11, wherein: 12.

the first driving circuit comprises a first transistor having a first channel width and a first channel length, the first channel width to the first channel length forming a first ratio;

the second driving circuit comprises a second transistor having a second channel width and a second channel length, the second channel width to the second channel length forming a second ratio; and

the third driving circuit comprises a third transistor having a third channel width and a third channel length, the third channel width to the third channel length forming a third ratio,

the first, second and third ratios being different, respectively.

- (Original) The device of claim 12, wherein the first, second and third 13. pixel cells are R, B, G pixel cells, respectively.
 - (Currently Amended) The device of claim 10, wherein: 14. the first, second and third pixel cells are R, B and G pixel cells, respectively; the first current is greater than the second current[[,]]; and the second current is greater than the third current.
- 15. (Original) The device of claim 13, wherein a brightness level of the first, second and third colors are substantially equal.

(Currently Amended) An electro-luminescence display device, comprising: 16.

a first driving circuit including a first transistor having a terminal thereof

connected to a power supply line, said first transistor having a first channel width

and a first channel length, the first channel width to the first channel length forming

a first ratio; and

a second driving circuit including a second transistor having a terminal

thereof connected to the power supply line, said second transistor having a second

channel width and a second channel length, the second channel width to the second

channel length forming a second ratio, the first ratio being different from the second

ratio and the first and second ratios are being determined based on an electrical

characteristic of an electro-luminescence diode, the electro-luminescence diode

being provided in each of the first and second pixels of said electro-luminescence

display device.

(Currently Amended) The device of claim 16, wherein: 17.

the first and second driving circuits drive the first and second pixel cells,

respectively;

the first pixel cell is a R pixel cell and the second pixel cell is a B pixel cell;

and

the first ratio is greater than the second ratio.

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18. (Original) The device of claim 16, further comprising:

a third driving circuit including a third transistor having a third channel width and a third channel length, the third channel width to the third channel length forming a third ratio,

the first, second and third ratios being different, respectively.

19. (Currently Amended) The device of claim 18, wherein:

the first, second and third driving circuits drive the first, second and third pixel cells, respectively;

the first pixel cell is a R pixel cell, the second pixel cell is a B pixel cell and the third pixel cell is a G pixel cell; and

the first ratio is greater than the second ratio, and the second ratio is greater than the third ratio.

20. (Currently Amended) A method of forming an electro-luminescence display device, comprising:

forming a plurality of gate lines and a plurality of data lines to form a lattice configuration;

forming a plurality of pixel cells between the gate lines and the data lines;

forming a driving transistor for each pixel cell, the <u>said</u> driving transistor receiving a current from a common power supply line and applying different currents to the pixel cells having different colors such that the pixel cells having

different colors are independently driven, wherein the values of the currents are

determined based on an electrical characteristic of an electro-luminescence diode

provided in each pixel cell of said electro-luminescence display device; and

forming a data driving circuit commonly connected to the data lines to

provide an identical driving voltage to each pixel cell.

(Original) The method of claim 20, further comprising a step of forming 21.

a plurality of pixel groups, each group having an R pixel cell, a G pixel cell, and a B

pixel cell.

22. (Original) The method of claim 21, wherein the driving transistor for the

R pixel cell, for the G pixel cell, and for the B pixel cell are formed differently.

23. (Original) The method of claim 22, wherein the driving transistors are

formed to have different channel widths and channel lengths.

24. (Original) The method of claim 23, wherein the channel widths and

channel lengths are determined based on whether the driving transistor is for the R

pixel cell, for the G pixel cell, or for the B pixel cell.

25. (Currently Amended) A method of forming a an electro-luminescence

display device, comprising:

forming a first pixel cell displaying a first color;

forming a second pixel cell displaying a second color;

forming a first driving circuit receiving a first driving voltage; and

forming a second driving circuit receiving a second driving voltage,

wherein:

the first driving circuit and the second driving circuit have a different

structure;

the first driving circuit comprises a first transistor having a terminal

thereof connected to a power supply line, said first transistor having a first channel

width and a first channel length, the first channel width to the first channel length

forming a first ratio; and

the second driving circuit comprises a second transistor having a

terminal thereof connected to the power supply line, said second transistor having a

second channel width and a second channel length, the second channel width to the

second channel length forming a second ratio,

the first and second ratios being based on an electrical characteristic of

an electro-luminescence diode provided in each of the first and second pixels of said

<u>electro-luminescence device</u>, respectively.

(Currently Amended) A method of forming a electro-luminescence 26.

display device, comprising:

forming a first driving circuit including a first transistor having a terminal thereof connected to a power supply line, said first transistor having a first channel width and a first channel length, the first channel width to the first channel length forming a first ratio; and

forming a second driving circuit including a second transistor having a terminal thereof connected to the power supply line, said second transistor having a second channel width and a second channel length, the second channel width to the second channel length forming a second ratio, the first ratio being different from the second ratio and the first and second ratios are respectively determined based on an electrical characteristic of an electro-luminescence diode in said electroluminescence display device respectively.

(Currently Amended) [[A]] The method of driving an electro-27. luminescence display device as recited in claim 1, the method comprising:

applying a first driving current to a first pixel cell based on a first driving voltage; and

applying a second driving current to a second pixel cell based on a second driving voltage,

wherein the first and second driving voltages are equal, and the first and second driving currents are different.

(Currently Amended) [[A]] The method of driving an electro-28. luminescence display device as recited in claim 16, the method comprising:

driving a first driving circuit including a first transistor having a first channel width and a first channel length, based on a first ratio formed by the first channel width to the first channel length; and

driving a second driving circuit including a second transistor having a second channel width and a second channel length, based on a second ratio formed by the second channel width to the second channel length, the first ratio being different from the second ratio.